Index of Claims

| Appl | icatio | n/Cor | ntrol | No. |
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09/677,502 Examiner

Applicant(s)/Patent under Reexamination

HASHIBE ET AL.

Art Unit

Rabon Sergent

1711

| √  | Rejected |
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| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| Cla      | aim      | Date       |                         |   |                 |          | Clá     | aim | Date  |          |          |                    |          |          |              | ]        |                    | Claim   |        |            | Date       |            |          |           |          |          |          |          |          |           |          |
|----------|----------|------------|-------------------------|---|-----------------|----------|---------|-----|-------|----------|----------|--------------------|----------|----------|--------------|----------|--------------------|---------|--------|------------|------------|------------|----------|-----------|----------|----------|----------|----------|----------|-----------|----------|
|          | la L     | 92         |                         |   |                 |          |         |     |       |          | lal      |                    |          |          |              |          |                    |         |        | ١,         | <b>ਜ਼</b>  | ॿ          |          |           |          |          |          |          |          |           |          |
| Final    | Original | 5/15/05    |                         |   |                 |          |         |     |       | Final    | Original |                    |          |          |              |          |                    |         |        | l          | ਰ<br>=<br> | Original   |          |           |          |          |          |          |          |           |          |
|          | 0        | S          |                         |   |                 |          |         |     |       | _        | 0        |                    |          |          |              |          |                    | ļ       |        | -          | _          | 0          |          |           |          |          |          |          | ľ        |           |          |
|          | 1        | ٧          |                         |   |                 |          |         |     |       |          | 51       |                    |          |          |              |          |                    |         |        |            |            | 101        |          |           |          |          |          |          |          |           |          |
|          | 2        | 1          | $\sqcup \!\!\!\! \perp$ | 1                                       |                 | 4        | _       |     |       |          | 52       | Ш                  | <u> </u> | _        |              | Ш        | $\perp \downarrow$ | _       | _      | L          | _          | 102        | _        | Ц         | Щ        |          |          | $\Box$   |          | _         | _        |
| <u> </u> | _3_      | <b> </b> √ |                         | ╁                                       | <del>  </del>   |          | +       | _   |       |          | 53       | $\left  - \right $ | $\perp$  |          |              | -        | $\vdash$           | $\perp$ | 4::::  | L          | $\dashv$   | 103        | _        | -         |          |          |          | _        |          | 4         |          |
|          | 4        | 1          | $\vdash$                | +                                       | $\vdash$        | -+       | +       | ╁   | ł     |          | 54<br>55 | Н                  | $\dashv$ | +        | +            | -        |                    | -       | -      | $\vdash$   | -+         | 104<br>105 | $\dashv$ |           |          |          |          | H        | -        | $\dashv$  |          |
|          | 6        | 1          | $\vdash\vdash$          | +                                       | $\vdash$        |          | +-      | +   |       |          | 56       | Н                  | +        | -        | ╁            | $\vdash$ | $\vdash$           | +       | ٠      | $\vdash$   | $\dashv$   | 106        | $\dashv$ | $\dashv$  |          | _        | Н        |          | -        | -+        | _        |
|          | 7        | Ť          |                         | 1                                       | H               | $\dashv$ | $\top$  | +-  | 1     |          | 57       | П                  | _        | +        | +            | H        | Ħ                  |         | ا      | ┢┈         | +          | 107        |          | $\vdash$  |          |          |          |          |          | $\dashv$  |          |
|          | 8        | 1          |                         |   |                 |          |         |     |       |          | 58       |                    |          | T        |              |          |                    |         | 7      | Г          | $\dashv$   | 108        |          |           |          |          |          |          |          | 寸         |          |
|          | 9        | 1          |                         |   |                 |          |         |     |       |          | 59       |                    |          |          |              |          |                    |         | ]::::: |            |            | 109        |          |           |          |          |          |          |          |           |          |
|          | 10       | √,         | $\vdash \vdash$         | <u> </u>                                | Ш               | _        | 4       | _   |       |          | 60       | Ш                  | $\dashv$ |          | 4_           | Ш        |                    |         | 4      | L          | _          | 110        |          |           |          |          |          | Ш        | $\perp$  |           |          |
|          | 11       | 1          | - -                     | ╂—                                      | $\vdash \vdash$ | _        | +       | +   | liii  |          | 61       | $\vdash \vdash$    | $\dashv$ | -        | +            | $\vdash$ | -                  | +       | 4      | $\vdash$   | $\dashv$   | 111        | _        | $\square$ | _        | _        |          | $\sqcup$ | $\dashv$ |           |          |
|          | 12<br>13 | V          | $\vdash \vdash$         | ╁                                       |                 | $\dashv$ | +       | -   |       |          | 62<br>63 | $\vdash$           | $\dashv$ | +        | +            | $\vdash$ | $\vdash$           | +       | 4      | $\vdash$   | $\dashv$   | 112<br>113 | $\dashv$ |           |          | _        | _        | -        |          |           | _        |
| <u> </u> | 14       | -          | - -                     | +-                                      | $\vdash \vdash$ | $\dashv$ | +       | +   | liii  |          | 64       | $\vdash$           | $\dashv$ | $\dashv$ | +            | H        | +                  | +       | 1      | $\vdash$   | $\dashv$   | 114        | -        | $\vdash$  |          | _        | $\vdash$ | Н        | $\dashv$ | $\dashv$  |          |
|          | 15       | -          |                         | +-                                      | H               | +        | +       | +   | 1     | ·        | 65       | $\vdash$           | -        | +        | +            | Н        |                    | +       | 1::::  | $\vdash$   | $\dashv$   | 115        | $\dashv$ |           | -        |          |          |          |          | $\dashv$  |          |
|          | 16       |            |                         |   | 口               |          | $\top$  |     | 1     |          | 66       | $\sqcap$           | $\dashv$ | $\top$   | +            | П        | $\vdash$           | $\top$  | 1      | Г          | $\dashv$   | 116        |          |           |          |          |          | $\neg$   | $\dashv$ | 一         |          |
|          | 17       |            |                         |   |                 |          |         |     | ]     |          | 67       |                    |          |          |              |          |                    |         |        |            |            | 117        |          |           |          |          |          |          |          | コ         |          |
|          | 18       |            |                         |   |                 |          | $\perp$ |     |       |          | 68       |                    | $\Box$   |          |              |          |                    |         | ]      |            |            | 118        |          |           |          |          |          |          |          |           |          |
|          | 19       |            | $\sqcup \!\!\! \perp$   |   |                 | _        | _       |     |       |          | 69       |                    | _        | $\perp$  | $\downarrow$ | Ш        |                    | _ _     | 4      | L          | 4          | 119        | _        |           |          |          |          |          | _        | _         |          |
|          | 20       | _          | $\vdash \vdash$         | -                                       | $\vdash$        | -        | _       |     |       | <u> </u> | 70       | Ш                  | _        | _        | _            |          |                    | _       | 4      | L          | _          | 120        |          |           |          |          |          | _        | _        | $\dashv$  |          |
|          | 21<br>22 | _          | <del></del>             | ┼-                                      |                 | -        | -       | +   |       | <u> </u> | 71<br>72 |                    |          | -        | +-           |          | $\dashv$           | +       | -      | _          | $\dashv$   | 121<br>122 |          | $\dashv$  | _        |          |          |          |          | $\dashv$  |          |
| -        | 23       | -          | H                       | ╁╴                                      | Н               | -        | +       | +   | ł     |          | 73       |                    |          |          | +-           | ┢        | +                  | +       | -      | $\vdash$   | $\dashv$   | 123        | $\dashv$ | $\dashv$  | $\dashv$ |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |          |
|          | 24       |            | <del>    -</del>        | +-                                      | $\vdash$        | -+       | +       | +   |       |          | 74       | ╁┯╅                |          | +        | ╁╌           | $\vdash$ | +                  | +       | 1      | ┢          | $\dashv$   | 124        | -        | $\dashv$  | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | $\dashv$  |          |
|          | 25       |            |                         | <u> </u>                                | $\Box$          |          | $\top$  | 1   |       |          | 75       | H                  | $\top$   | $\neg$   | $\top$       |          |                    | $\top$  | 1      | H          | $\dashv$   | 125        | _        |           | _        |          | $\neg$   |          | $\dashv$ | 十         |          |
|          | 26       |            |                         | -                                       |                 |          |         |     |       |          | 76       | П                  | $\top$   | 1        | $\top$       | П        |                    | $\top$  | 1      | Г          | 寸          | 126        |          |           |          |          |          |          | _        | 寸         |          |
|          | 27       |            |                         |   |                 |          |         |     |       |          | 77       |                    |          |          |              |          |                    |         | ]      |            |            | 127        |          |           |          |          |          |          |          |           |          |
|          | 28       |            | <u> </u>                | _                                       | Ш               |          |         |     |       |          | 78       | Ш                  |          |          |              | Ш        |                    | $\perp$ |        |            |            | 128        | ]        |           |          |          |          |          |          | $\Box$    |          |
|          | 29       |            |                         | ـــ                                     | $\sqcup$        |          | _       | ╽   |       |          | 79       |                    | _        | _        | _            | Ш        |                    |         | 4      |            | _          | 129        | _        | _         | _        |          | _        |          | _        | _         |          |
|          | 30<br>31 |            |                         | ┼                                       | $\sqcup$        |          | +       | +   |       |          | 80       | $\sqcup$           | $\dashv$ | +        | _            |          |                    | - -     | 4      |            | $\dashv$   | 130        | _        | _         | _        | _        |          | _        | $\dashv$ | -         |          |
|          | 32       | _          |                         | ╁                                       |                 | +        | +-      | +   |       |          | 81<br>82 | $\dashv$           | +        | +        | +            | $\vdash$ |                    | +       | -{!!!! |            | $\dashv$   | 131<br>132 | $\dashv$ | $\dashv$  | $\dashv$ |          |          |          | $\dashv$ | $\dashv$  |          |
|          | 33       | $\vdash$   | $\vdash$                | $\vdash$                                | $\vdash$        |          | +       | ┪   |       |          | 83       | $\dashv$           | +        | +        | +-           | $\vdash$ |                    | +       | 1      |            | $\dashv$   | 133        | $\dashv$ |           | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$  | _        |
|          | 34       |            | $\vdash$                | T                                       | $\vdash$        | $\dashv$ | +       | +   |       | $\vdash$ | 84       | $\vdash$           | $\dashv$ | +        | +            | $\vdash$ | +                  | +       | 1      | $\vdash$   | $\dashv$   | 134        |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | +         |          |
|          | 35       |            |                         |   |                 | $\top$   | $\top$  |     |       |          | 85       | $\Box$             | $\neg$   | $\top$   | $\top$       | П        |                    | 十       | 1      |            | 7          | 135        |          |           |          |          |          | $\Box$   | 寸        | $\dashv$  |          |
|          | 36       |            |                         |   |                 |          |         |     |       |          | 86       |                    | $\Box$   |          |              |          |                    |         | ]      |            |            | 136        |          |           |          |          |          |          |          | $\Box$    |          |
|          | 37       |            |                         |   | П               |          | $\perp$ |     |       |          | 87       | $\Box$             | $\bot$   | $\perp$  | $\perp$      | П        | $\Box I$           |         |        |            | Ţ          | 137        | $\Box$   |           |          |          |          |          |          | $\Box$    |          |
|          | 38       |            | - -                     | 1                                       | $\sqcup$        | +        | $\bot$  | +   |       |          | 88       | $\sqcup$           | $\dashv$ | _        | $\perp$      | Ш        |                    | $\perp$ | 4      | <u> </u> _ | 4          | 138        | _        | $\dashv$  | _        |          | _        | $\Box$   |          | $\dashv$  |          |
|          | 39<br>40 |            | -                       | ┼                                       | $\vdash$        | +        | +       | +   |       |          | 89       | $\dashv$           |          | +        | $\bot$       | Н        |                    | $\bot$  | 4      | <u>Ļ</u>   | -          | 139        |          | $\dashv$  | -        | _        |          | _        | _        | $\dashv$  |          |
|          | 41       |            | -                       | ╁                                       | $\vdash$        | -        | +       | +   |       |          | 90<br>91 |                    | -+       | +        | +            | $\vdash$ | -                  |         | -      | $\vdash$   |            | 140<br>141 | $\dashv$ | $\dashv$  | -        |          | $\dashv$ | $\dashv$ |          | $\dashv$  | _        |
| -        | 42       |            | $\vdash$                | $\vdash$                                | ┝╌┤             | +        | +       | +   |       |          | 92       | $\vdash$           | +        | +        | +-           | $\vdash$ | +                  |         | 1      | $\vdash$   | +          | 142        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          | -+       | $\dashv$  | $\dashv$ |
|          | 43       |            | $\vdash$                | 1                                       |                 | +        | $\top$  | ╅   |       |          | 93       | $\vdash$           | +        | +        | +            | Н        | +                  | +       | 1      | -          |            | 143        | $\dashv$ | +         | $\dashv$ |          |          | -        | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 44       |            |                         |   | $\Box$          | +        | +       | +-  |       |          | 94       |                    | $\top$   | +        | $\top$       |          | $\dashv$           | $\top$  | 1      |            | +          | 144        | _        | $\dashv$  | $\dashv$ | $\dashv$ |          | ᅥ        | $\dashv$ | $\dashv$  | _        |
|          | 45       |            |                         |   |                 |          |         |     |       |          | 95       |                    |          | 丁        | T            |          | $\top$             |         | ]!!!!  | Г          | $\top$     | 145        | ┪        | Ī         | 寸        |          |          | $\neg$   | 寸        | $\dashv$  |          |
|          | 46       |            |                         |   |                 |          | I       |     |       |          | 96       |                    |          |          |              |          |                    | I       |        |            | $\neg$     | 146        |          |           |          |          |          |          |          |           |          |
|          | 47       |            |                         | <u> </u>                                | $\sqcup$        |          |         | Ļ   |       |          | 97       |                    | $\Box$   |          |              |          |                    |         | 1      | L          |            | 147        |          | $\Box$    |          |          | $\Box$   | $\Box$   | $\Box$   | $\supset$ |          |
|          | 48       |            | <u> </u>                | $\vdash$                                | $\sqcup$        | $\bot$   | 4       |     |       |          | 98       | $\sqcup$           | $\dashv$ | $\perp$  | 4_           | $\sqcup$ | $\perp$            | $\bot$  | 4      | $\vdash$   | _          | 148        | _        | $\dashv$  |          | _        | _        | _        | _        | 4         |          |
|          | 49       |            | -                       | +-                                      |                 | +        | +       | +-  |       |          | 99       | $\vdash \vdash$    | $\dashv$ | +        | -            | $\vdash$ | +                  | +       | 4      | <u> </u>   | +          | 149        |          |           | -        | $\dashv$ | 4        |          | _        | 4         | _        |
|          | 50_      |            |                         | نــــــــــــــــــــــــــــــــــــــ | Ш               | L_       | L_      |     | 11111 |          | 100      |                    |          | Ι.       |              | Ш        |                    |         | J::::: | L          |            | 150        | 1        |           |          | l        | - 1      |          |          | - [       | - 1      |